



PATENT
Attorney Docket No. P06628US00
PHI 1665

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CARRIGAN, Lori Lisa
SERIAL NO: 10/769,584
FILED: January 30, 2004
TITLE: HYBRID MAIZE 37A91

Group Art Unit: 1638
Examiner:
Confirmation No:

**INFORMATION DISCLOSURE STATEMENT
FILED WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant directs the Examiner's attention to the following patents and/or other documents which may be material to the examination of this application. References that are U.S. patents are not required to be submitted. Copies of the references are enclosed. The Examiner is urged to consider these documents and make them of record in this application. This submission is not intended to constitute an admission of any kind, and in particular is not an admission that any patent, or other document referred to herein constitutes a printed

=====

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office, Art Unit 1638 at Fax No. (703) 872-9306.

Date: 4/20/2004

Lila A. T. Akrad

publication or is otherwise properly citable as prior art with respect to this application. No representation is made that a search has been conducted or that no more material information than that cited herein exists. Accordingly, this submission is not intended to take the place of the Examiner's own independent search of the art.

A list of the patents and/or other documents is set forth on the attached Form(s) PTO-SA08B and SB/08B.

A copy of each of these documents or translations or abstract as appropriate, is attached or will be forwarded as soon as it becomes available.

Respectfully submitted,
Lori Lisa Carrigan



BY Lila A. T. Akrad, Reg. No. 52,550
McKEE, VOORHEES & SEASE
801 Grand Avenue, Suite 3200
Des Moines, Iowa 50309-2721
Phone No. (515) 288-3667
Fax No. (515) 288-1338
CUSTOMER NO: 27142

- pw -

Attorneys of Record



Complete if Known

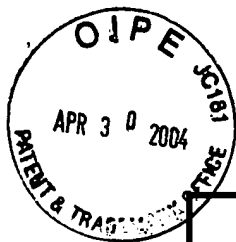
Application Number	10/769,584
Filing Date	January 30, 2004
First Named Inventor	CARRIGAN, Lori Lisa
Art Unit	1638
Examiner Name	
Attorney Docket Number	P06628US00 - 1665

(Use as many sheets as necessary)

Sheet	1	of	4
-------	---	----	---

[illegible][illegible]Date
Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/769,584		
		Filing Date	January 30, 2004		
		First Named Inventor	CARRIGAN, Lori Lisa		
		Group Art Unit	1638		
		Examiner Name			
Sheet	2	of	4	Attorney Docket Number	P06628US00 - 1665

NON PATENT LITERATURE DOCUMENTS			
	12	Plant Variety Protection Act, Certificate No. 8800212 for Corn 'PHP02' issued 01/31/1989	
	13	Plant Variety Protection Act, Certificate No. 9700200 for Corn, Field 'PH0AV' issued 10/27/2000	
	14	Plant Variety Protection Act, Certificate No. 9900022 for Corn, Field 'PH1W2' issued 06/14/2001	
	15	Plant Variety Protection Act, Certificate No. 200000221 for Corn, Field 'PH51H' issued 01/30/2002	
	16	Berry et. al., Assessing Probability of Ancestry Using Simple Sequence Repeat Profiles: Applications to Maize Inbred Lines and Soybean Varieties" Genetics 165:331-342 (2003)	
	17	Boppenmaier, et al., "Comparisons Among Strains of Inbreds for RFLPs", Maize Genetics Cooperative Newsletter, 65:1991, pg. 90	
	18	Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of <i>Zea Mays</i> ", Plant Cell Reports, 6:345-347	
	19	Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous <i>Zea Mays</i> Genotypes", Planta, 165:322-332	
	20	Edallo, et al. (1981) "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with <i>in Vitro</i> Culture and Plant Regeneration in Maize", Maydica, XXVI:39-56	
	21	Fehr, Walt, Principles of Cultivar Development, pp. 261-286 (1987)	
	22	Green, et al. (1975) "Plant Regeneration From Tissue Cultures of Maize", Crop Science, Vol. 15, pp. 417-421	
	23	Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" Maize for Biological Research, pp. 367-372	
	24	Hallauer, A.R. et al. (1988) "Corn Breeding" Corn and Corn Improvement, No. 18, pp. 463-481	
	25	Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", The Maize Handbook Ch. 65:423-432	
	26	Meghji, M.R., et al. (1984) "Inbreeding Depression, Inbred & Hybrid Grain Yields, and Other Traits of Maize Genotypes Representing Three Eras", Crop Science, Vol. 24, pp. 545-549	
	27	Openshaw, S.J., et al. (1994) "Marker-assisted selection in backcross breeding". p. 41-43. In Proceedings of the Symposium Analysis of Molecular Marker Data. 5-7 August 1994. Corvallis, OR. American Society for Horticultural Science/Crop Science Society of America.	
	28	Phillips, et al. (1988) "Cell/Tissue Culture and In Vitro Manipulation", Corn & Corn Improvement, 3rd Ed., ASA Publication, No. 18, pp. 345-387	
	29	Poehlman et al (1995) Breeding Field Crop, 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344	
	30	Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", Maize Genetics Cooperative Newsletter, No. 60, pp. 64-65	
	31	Sass, John F. (1977) "Morphology", Corn & Corn Improvement, ASA Publication, Madison, WI pp. 89-109	
	32	Smith, J.S.C., et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using Electrophoresis and Morphology", Seed Science and Technology 14, 1-8	
	33	Songstad, D.D. et al. (1988) "Effect of ACC(1-aminocyclopropane-1-carboxylic acid), Silver Nitrate & Norbonadiene on Plant Regeneration From Maize Callus Cultures", Plant Cell Reports, 7:262-265	

NON PATENT LITERATURE DOCUMENTS					
	34	Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite Maize (<i>Zea Mays L.</i>) Germplasm", <u>Theor. Appl. Genet.</u> , Vol. 70, p. 505-509			
	35	Troyer, et al. (1985) "Selection for Early Flowering in Corn: 10-Late Synthetics", <u>Crop Science</u> , Vol. 25, pp. 695-697			
	36	Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", <u>Crop Science</u> , Vol. 23, pp. 584-588			
	37	Wan et al., "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-Derived Maize Callus", <u>Theoretical and Applied Genetics</u> , 77:889-892, 1989			
	38	Wright, Harold (1980) "Commercial Hybrid Seed Production", <u>Hybridization of Crop Plants</u> , Ch. 8:161-176			
	39	Wyck, Robert D. (1988) "Production of Hybrid Seed", <u>Corn and Corn Improvement</u> , Ch. 9, pp. 565-607			
	40				
	41	Carrigan, Lori L., HYBRID MAIZE PLANT & SEED 38T27, U.S. Serial No. 09/489,225 filed 01/21/2000			
	42	Carrigan, Lori L., INBRED MAIZE LINE PH51H, U.S. Serial No. 09/490,884 filed 01/24/2000			
	43	Fischer et al., INBRED MAIZE LINE PH7CP, U.S. Serial No. 09/758,859 filed 01/11/2001			
	44	Williams et al., INBRED MAIZE LINE PH6ME, U.S. Serial No. 09/759,747 filed 01/12/2001			
	45	Piper, Todd Elliott, INBRED MAIZE LINE PH54M, U.S. Serial No. 09/759,801 filed 01/12/2001			
	46	Carrigan, Lori, HYBRID MAIZE PLANT & SEED 38A24, U.S. Serial No. 09/489,223 filed 01/21/2000			
Examiner Signature		Date Considered			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--